WHAT IS CLAIMED IS:

1. A method for increasing voice recognition rate in a voice recognition system comprising the steps of:

establishing a reference model for user voices subjected to recognition;

receiving the user voices for voice recognition commands;

detecting the range and characteristics of the received voice data;

comparing the range and characteristics of the detected voice data with the characteristics of the previously obtained reference voice model to retrieve a word having the largest similarity;

comparing the similarity of the retrieved word with the similarity reference value to report a voice recognition failure when the compared result is below the reference value, and to report a voice recognition success and perform the command corresponding to the recognized word when the compared result is at least the reference value; and

modifying the characteristics of the voice data which succeeded in the voice recognition into the reference voice model which was used in the corresponding voice recognition.

2. The method for increasing voice recognition rate in a voice recognition system in accordance with claim 1, wherein the characteristics of the voice data are expressed in characteristic vectors which are applied with entering patterns including LPC(Linear Predictive Coding) coefficient, cepstrum and differential cepstrum coefficient and etc.

3. A method for increasing voice recognition rate in a voice recognition system

comprising the steps of:

detecting the characteristics of voice data received from a user;

comparing the detected characteristics with a previously established reference voice model to judge success or failure of the voice detection; and

establishing each of the voice data succeeded in the voice detection to the reference voice model of the corresponding voice.